

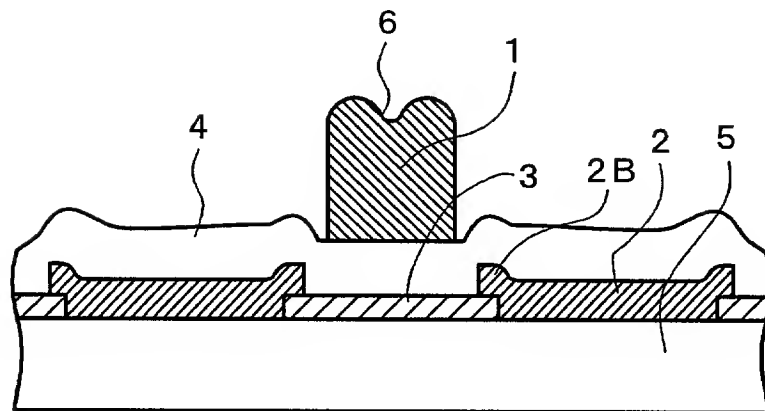
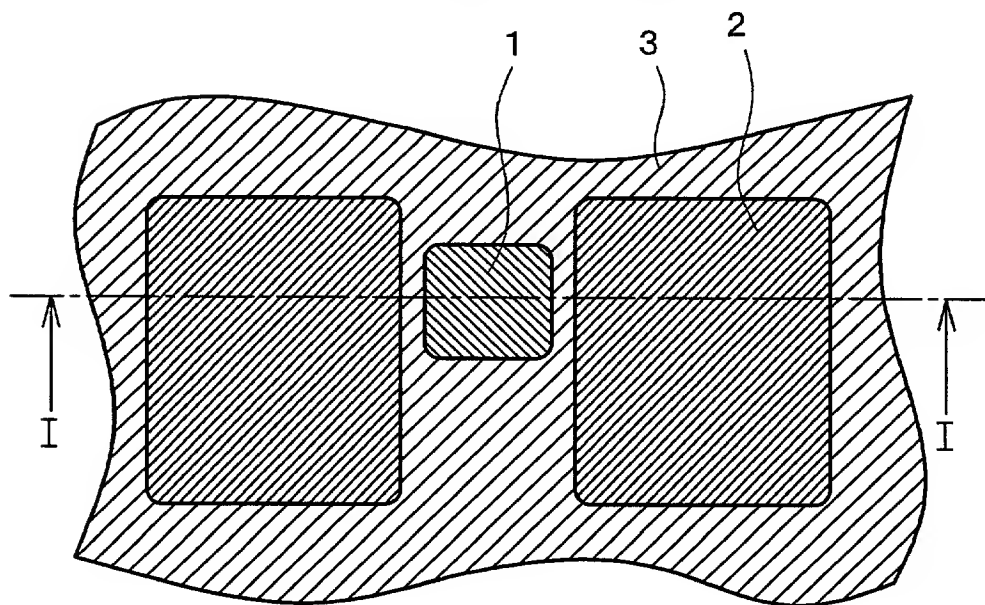
FIG. 1A*FIG. 1B*

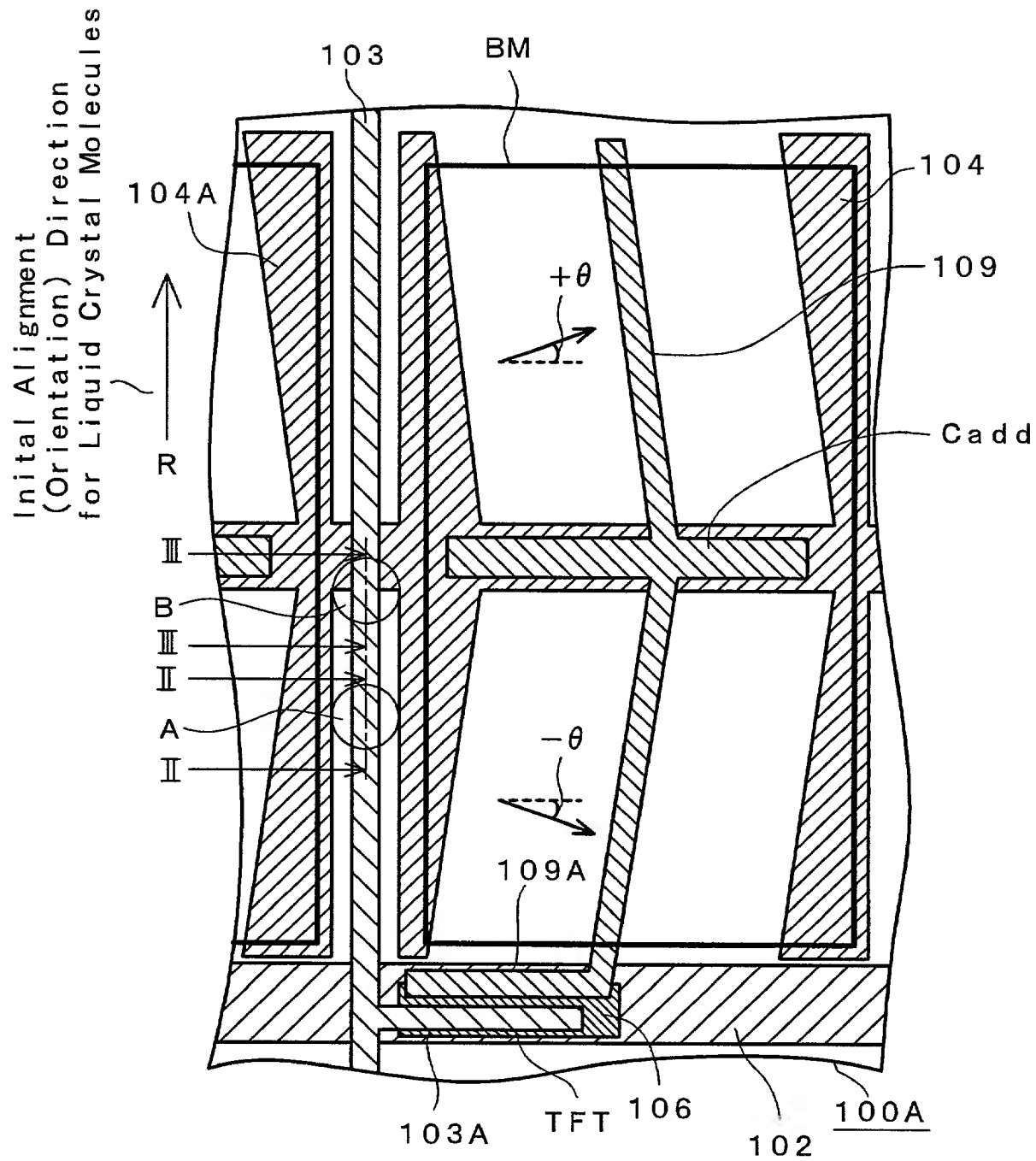
FIG. 2

FIG. 3

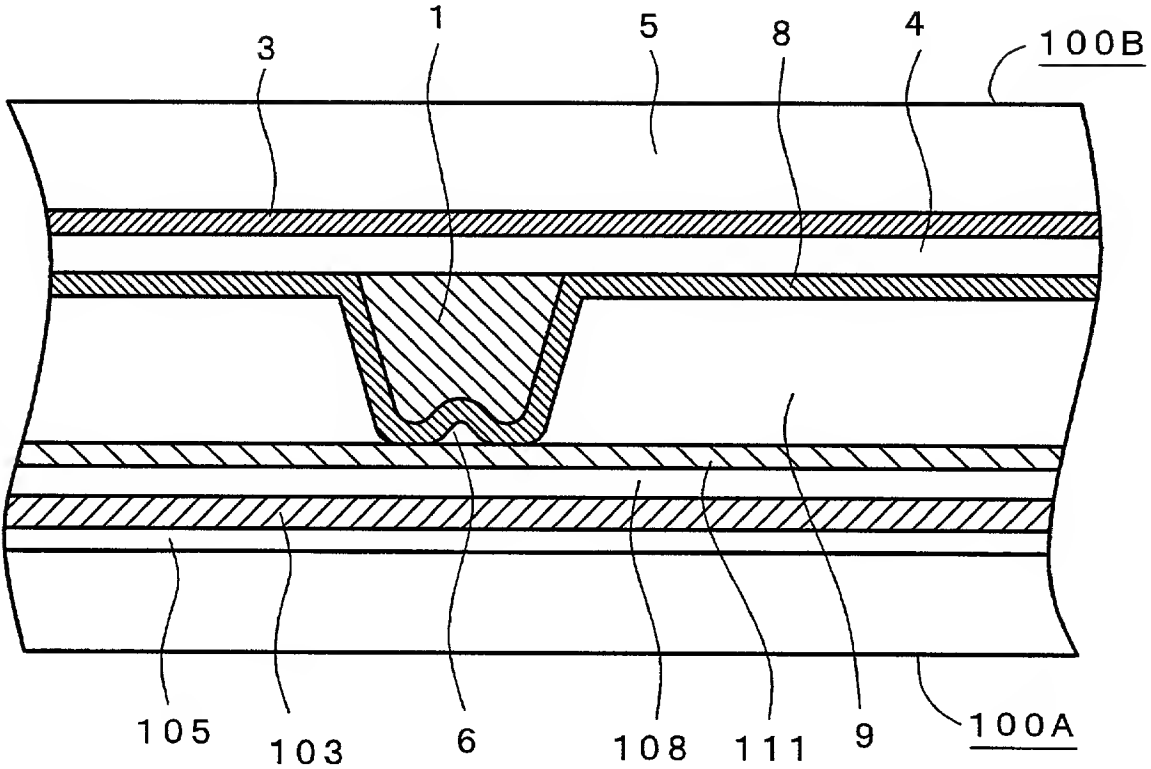


FIG. 4

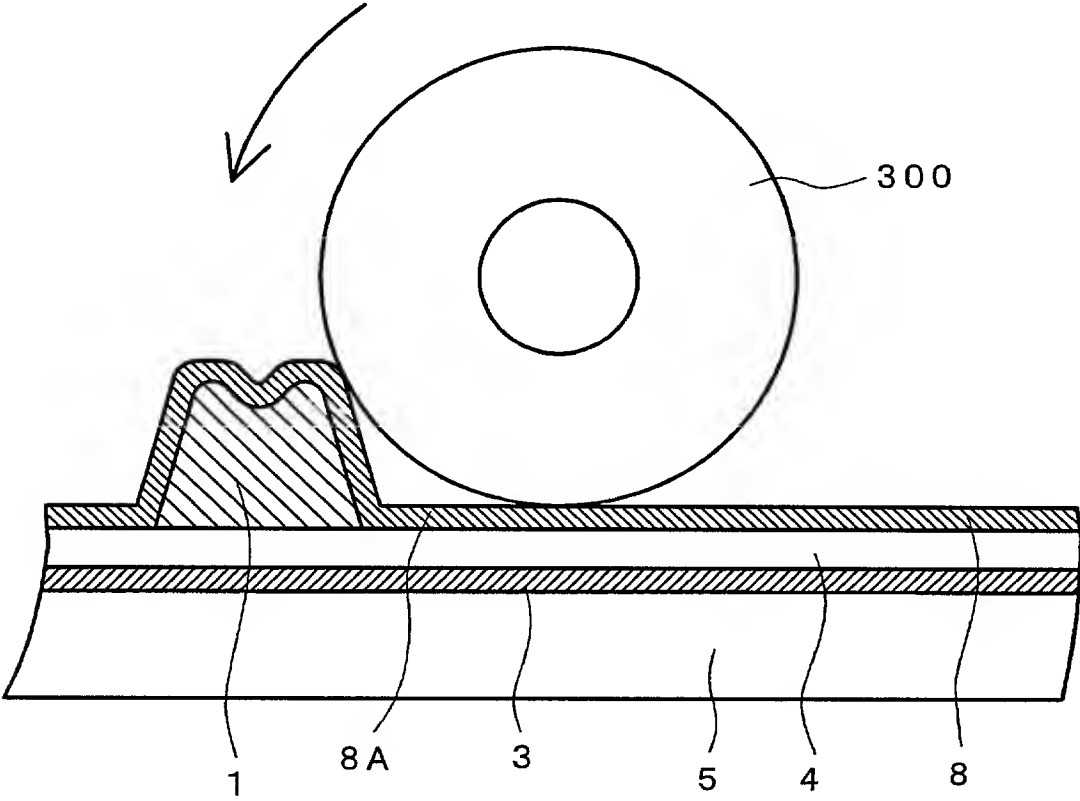


FIG. 5

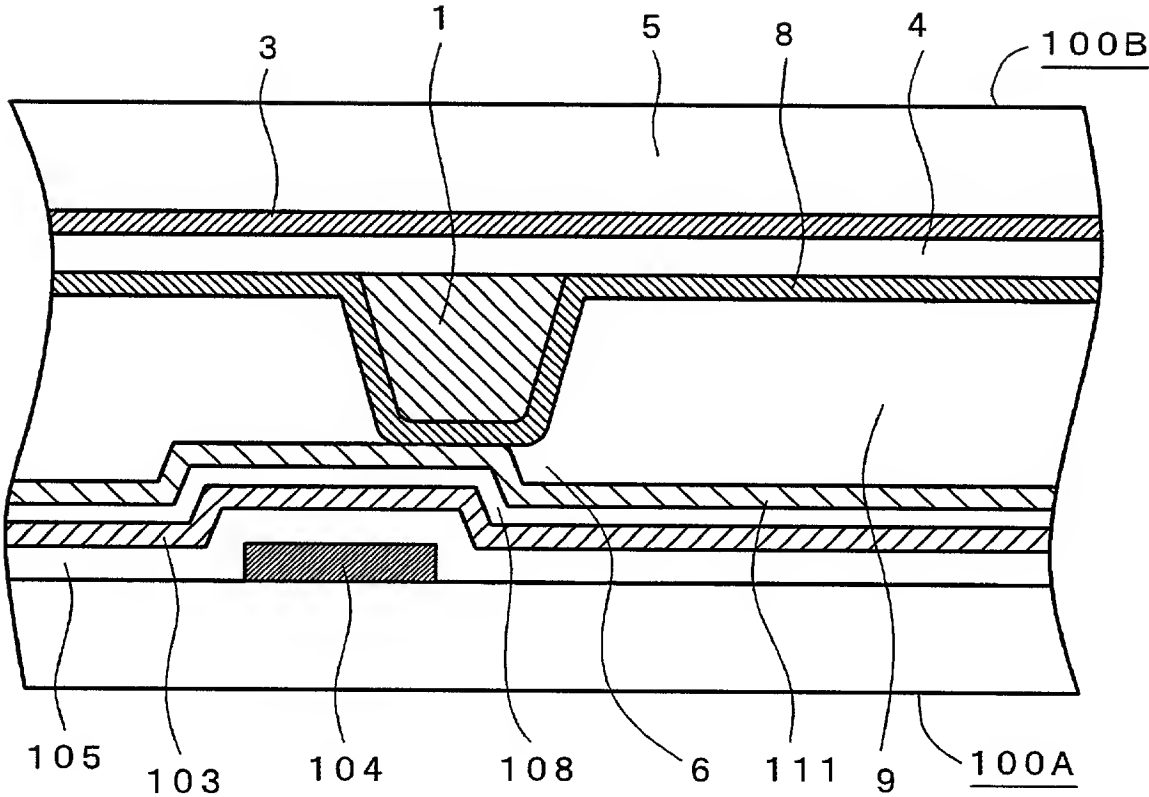
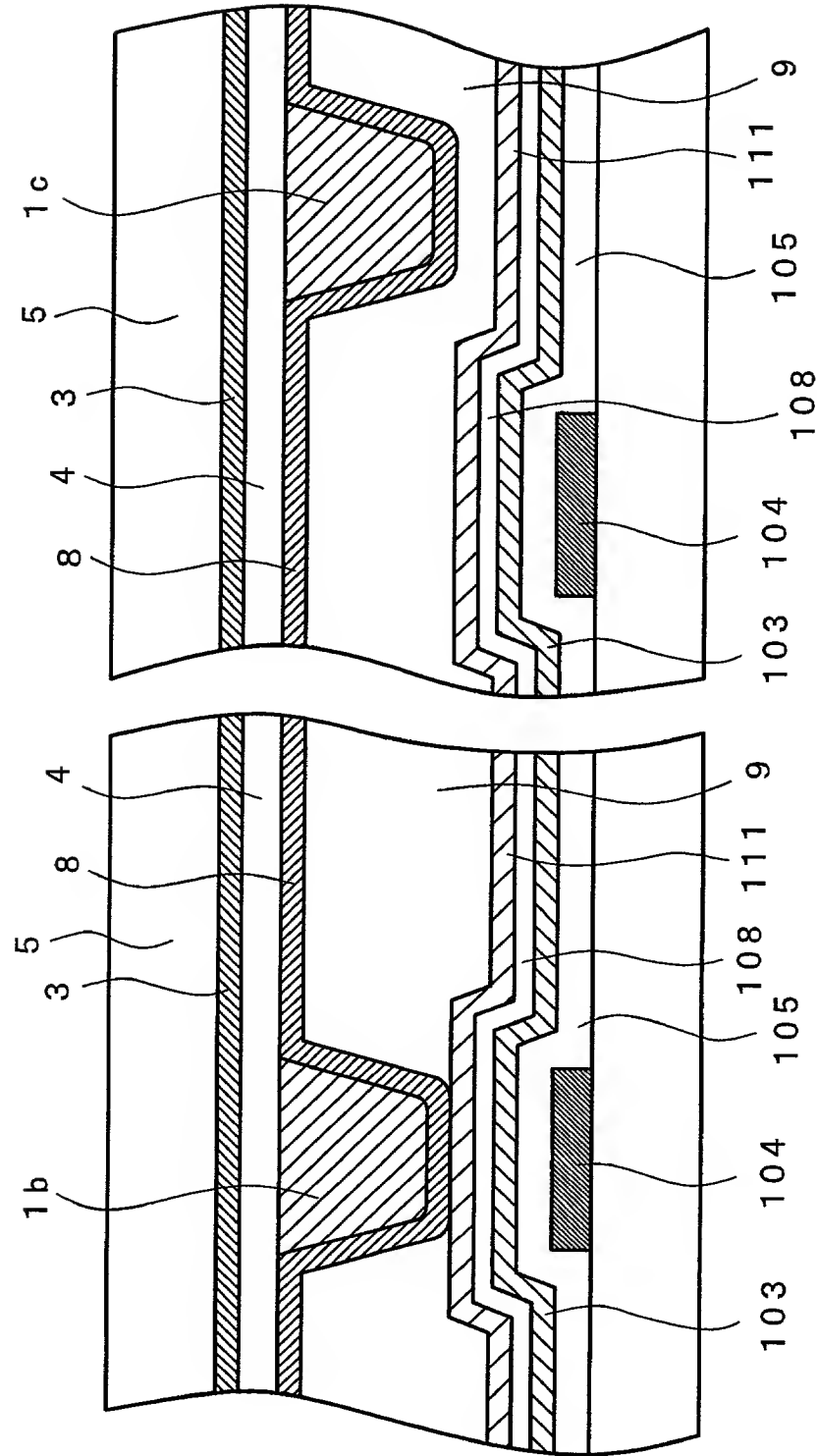


FIG. 6A



Initial Alignment (Orientation) Direction for Liquid Crystal Molecules

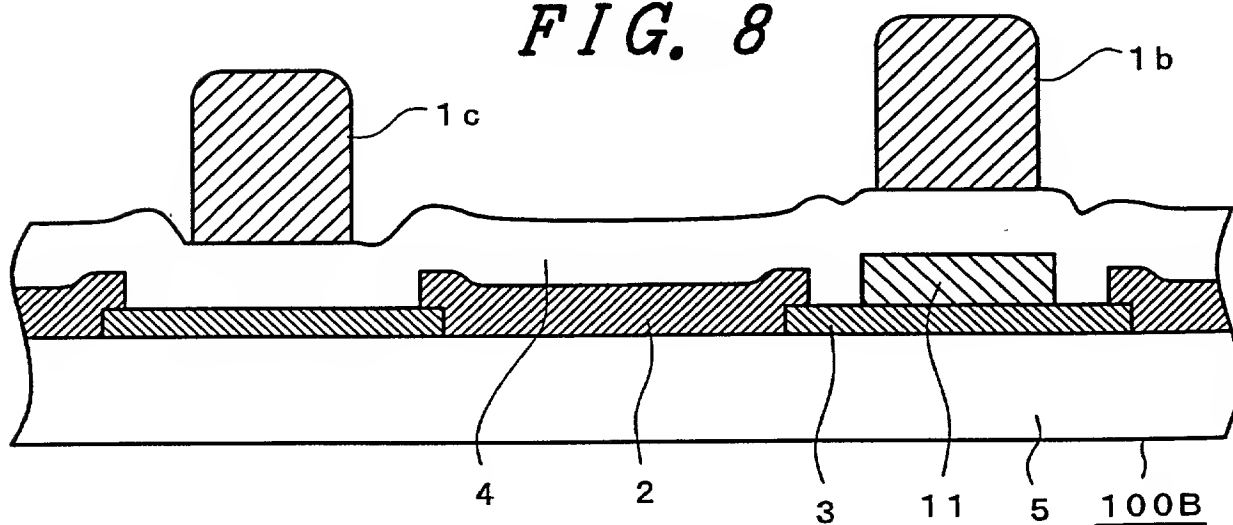


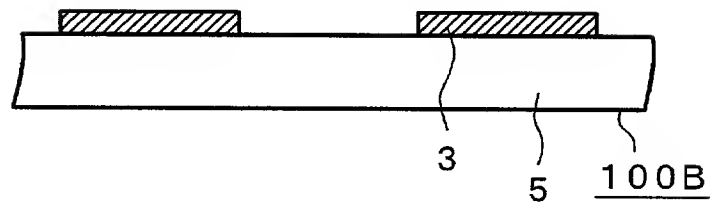
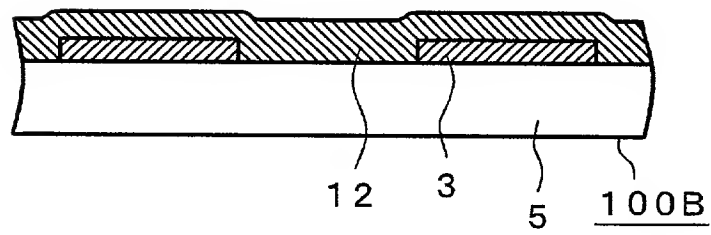
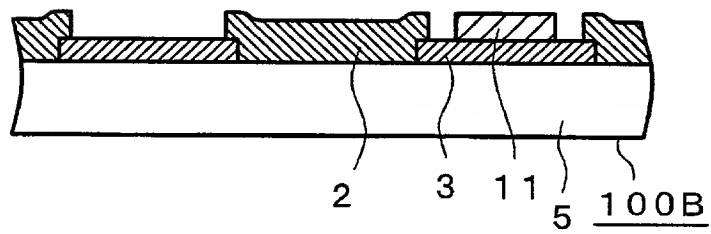
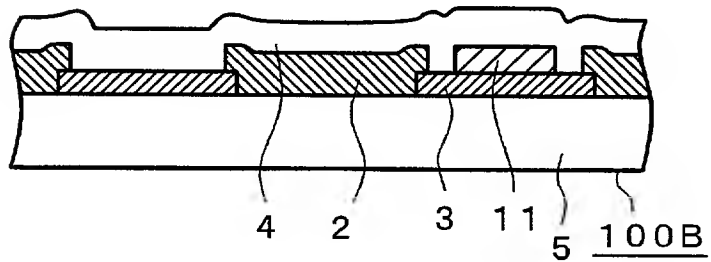
FIG. 9A*FIG. 9B**FIG. 9C**FIG. 9D*

FIG. 10A

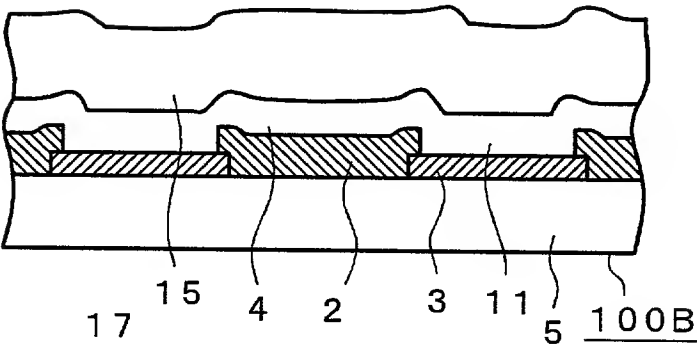


FIG. 10B

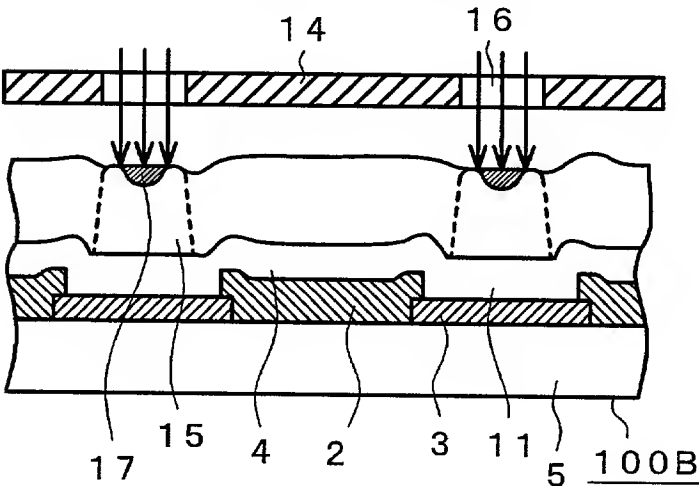


FIG. 10C

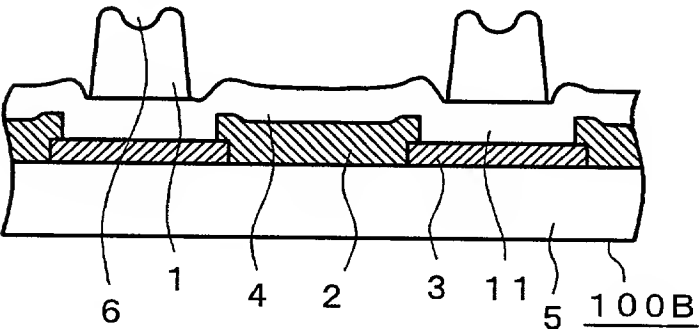


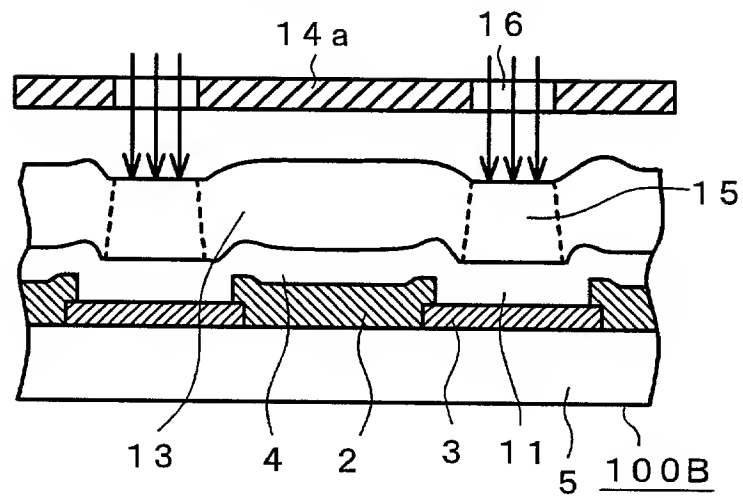
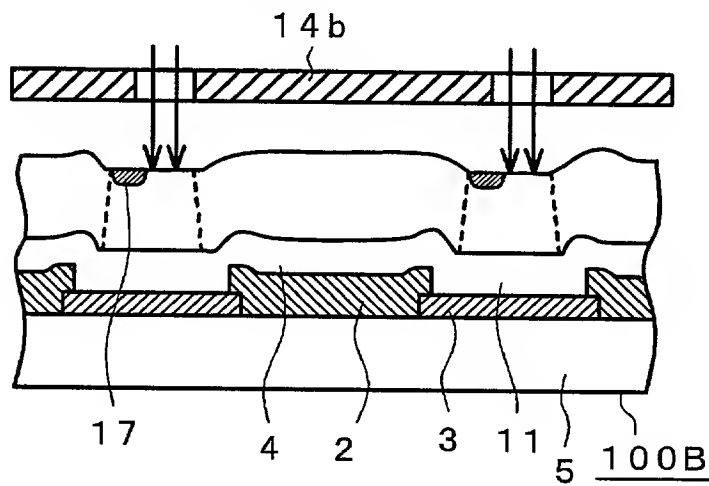
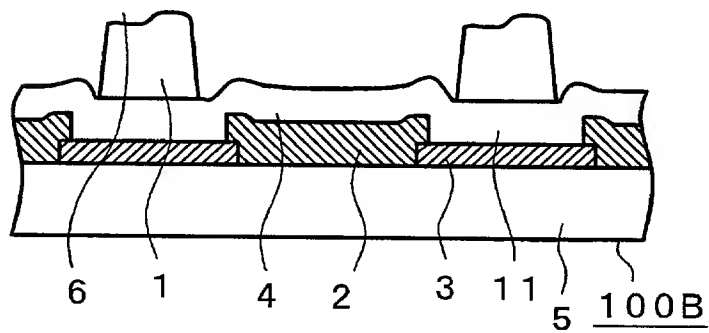
FIG. 11A**FIG. 11B****FIG. 11C**

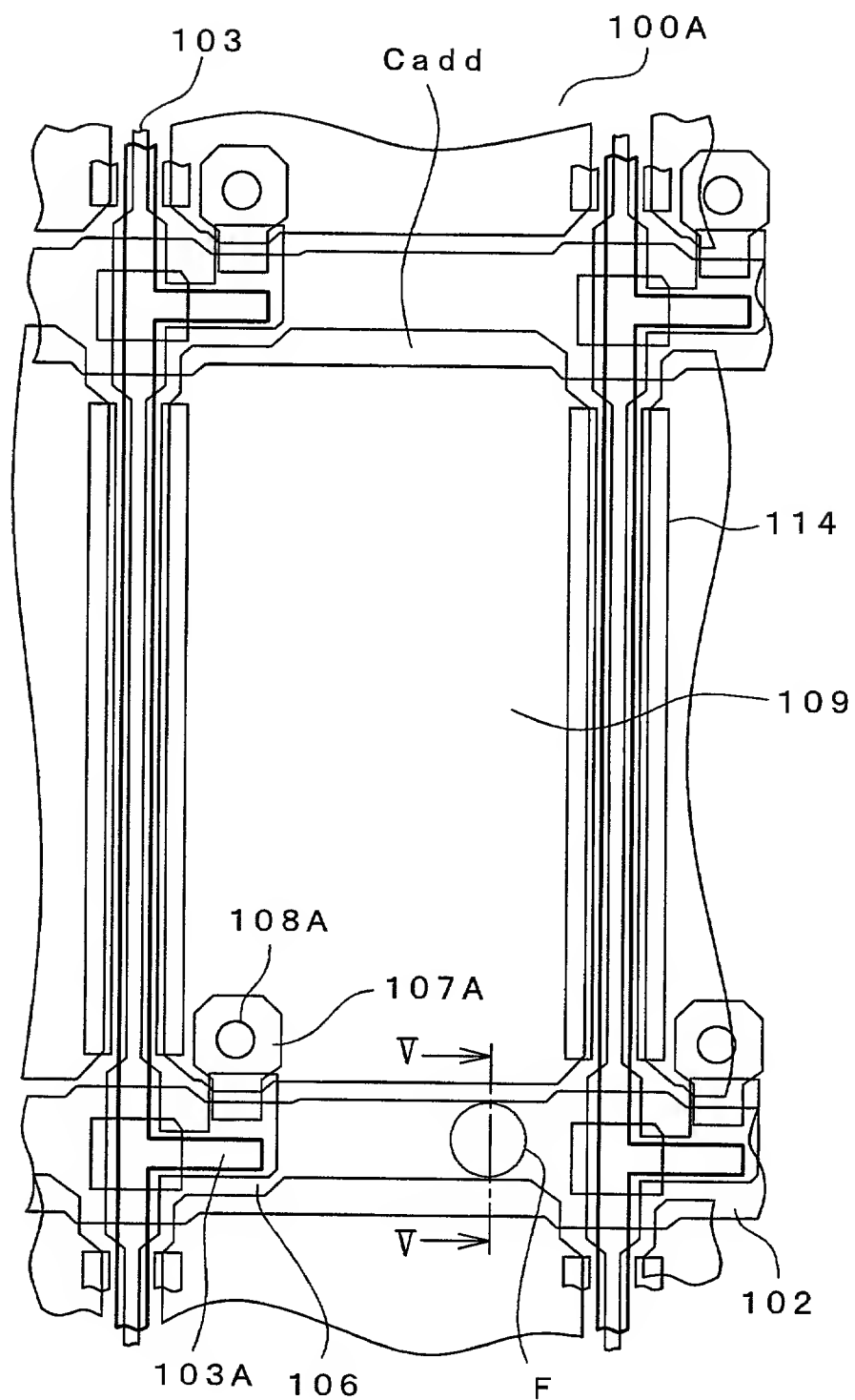
FIG. 12

FIG. 13

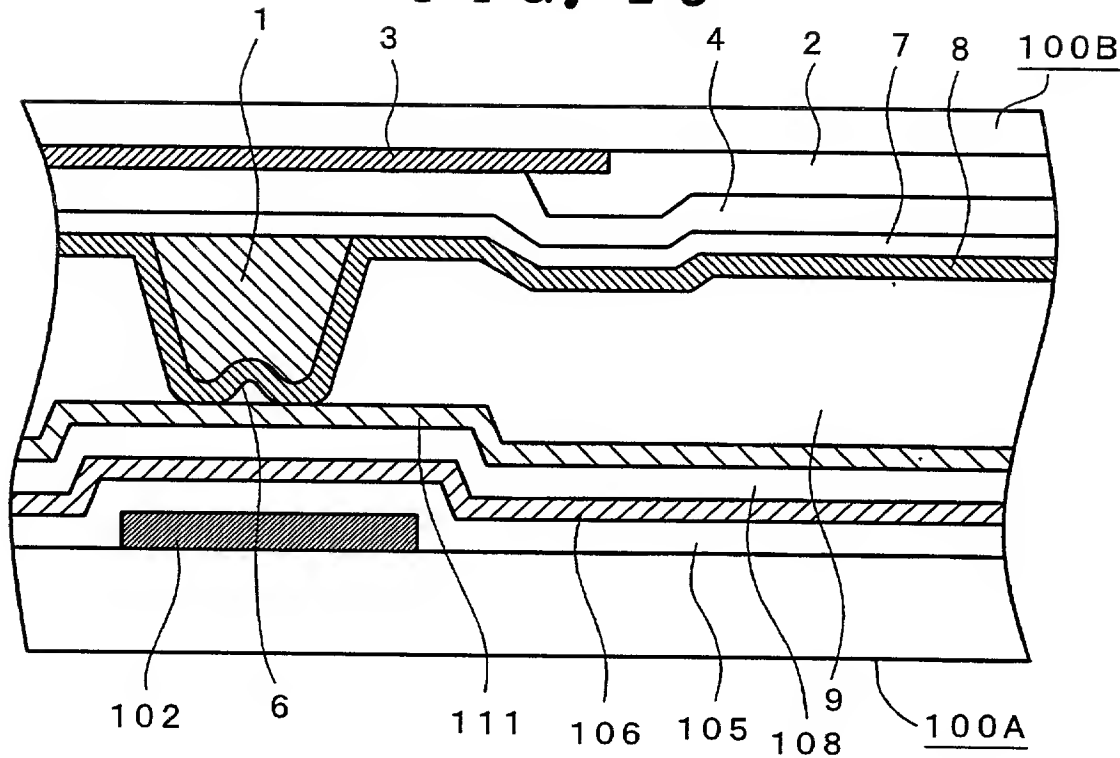


FIG. 14

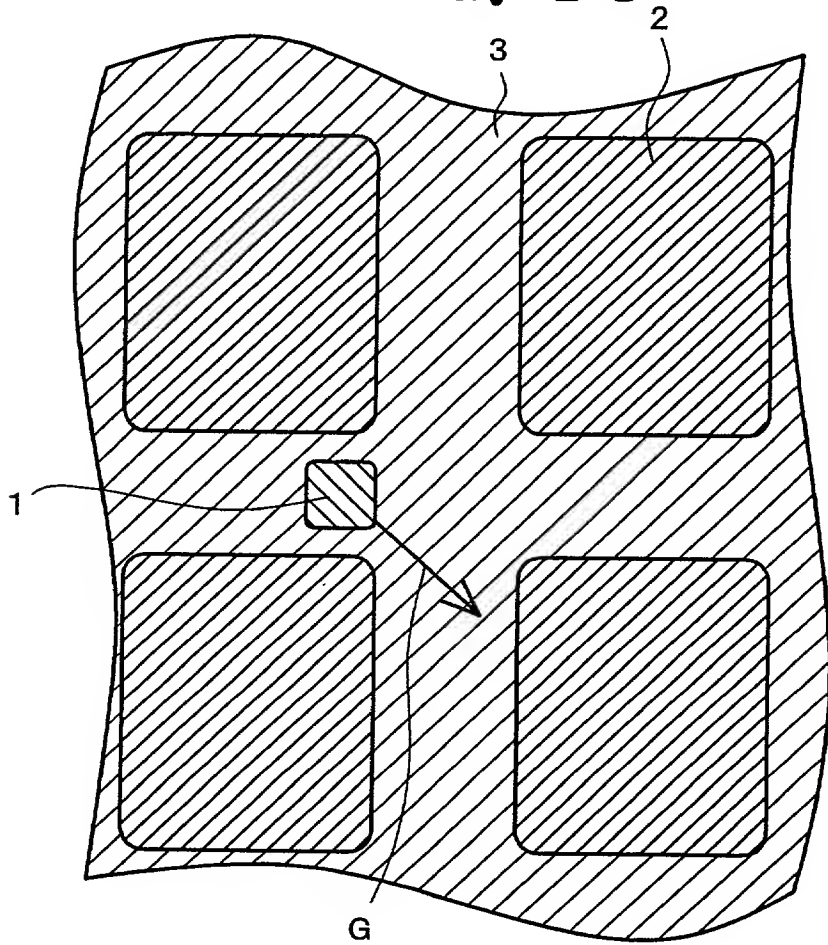


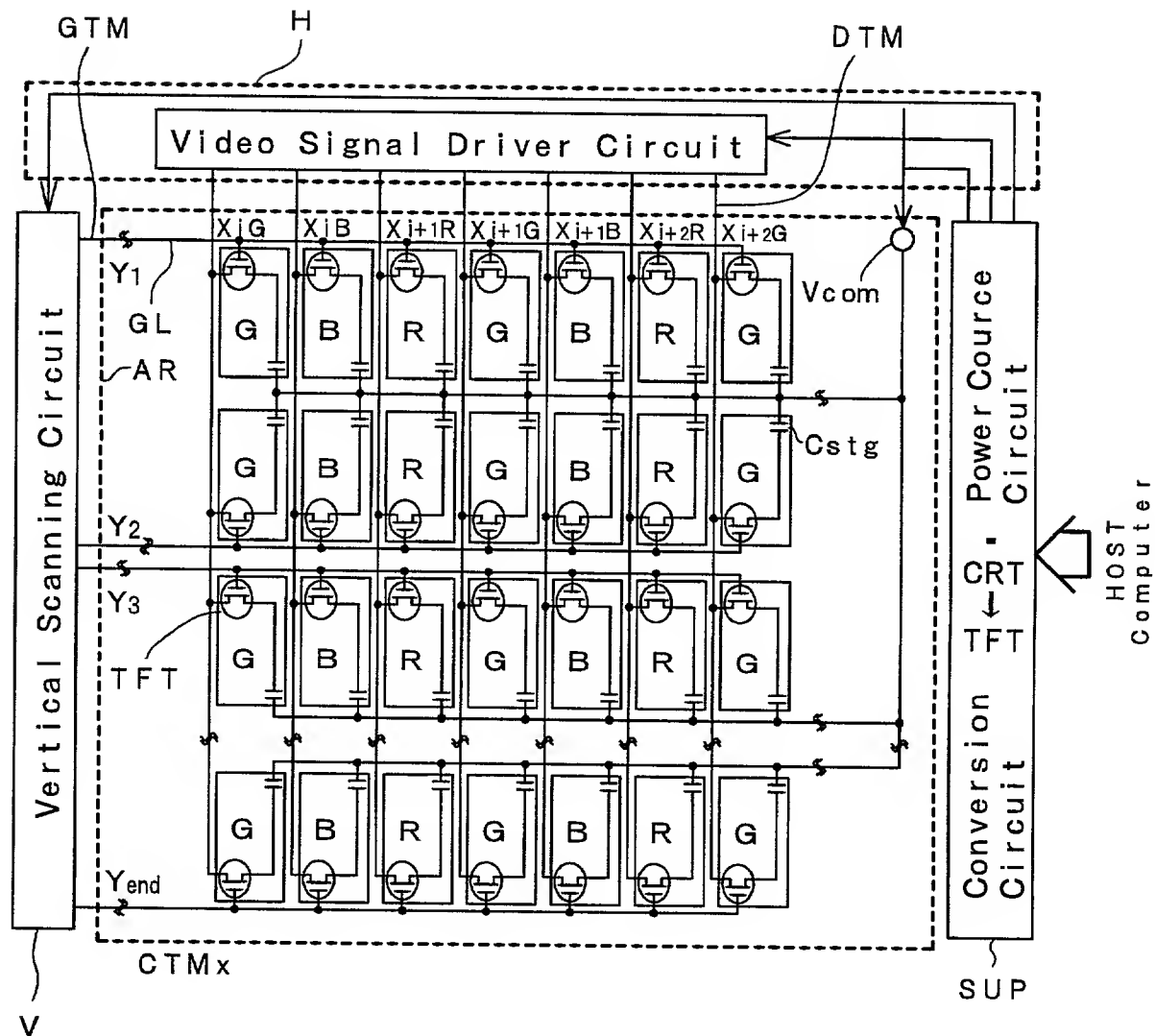
FIG. 15

FIG. 16